



ATID Application Development Framework Reference Manual –Printer

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ATID Co.,Ltd

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Acronym

modules	descriptions
AADF	ATIDApplication Development Framework

Revision History

Version	Date	Reason	Description	Author
0.1	2012/01/17	Draft		Y. J. CHO

1 .NET API Reference

1.1 Enumerations

1.1.1 PRT_RESULT

The call result of function

- **PRT_RESULT_SUCCESS**
Success of function execution.
- **PRT_RESULT_INVALID_ARGS**
Invalid parameter.
- **PRT_RESULT_OUTOFMEMORY**
Fail to allocate resources.
- **PRT_RESULT_UNSUPPORTED**
Currently UnsupportedCommands
- **PRT_RESULT_ALREADY_OPENED**
Printer device is already opened.
- **PRT_RESULT_NOT_OPENED**
Calling function without opening.
- **PRT_RESULT_FAILURE**
Fail to execute function.
- **PRT_INSUFFICIENT_BATTERY**
Function execution stopped because of less than 5% main battery. Charge required.
- **PRT_RESULT_INVALID_DEVICE**
Printer device is not equipped.

1.1.2 BARCODE_TYPE

Type of Barcode to be printed.

- **BCODE_TYPE_UNSPECIFIED**
- **BCODE_TYPE_UPCA**
- **BCODE_TYPE_UPCE**
- **BCODE_TYPE_UPC_SUPPLEMENTAL_2DIGIT**
- **BCODE_TYPE_UPC_SUPPLEMENTAL_5DIGIT**
- **BCODE_TYPE_EAN13**
- **BCODE_TYPE_EAN8**
- **BCODE_TYPE_INTERLEAVED2OF5**

- **BCODE_TYPE_STANDARD2Of5**
- **BCODE_TYPE_CODE39**
- **BCODE_TYPE_CODE39EXTENDED**
- **BCODE_TYPE_CODABAR**
- **BCODE_TYPE_POSTNET**
- **BCODE_TYPE_BOOKLAND**
- **BCODE_TYPE_ISBN**
- **BCODE_TYPE_JAN13**
- **BCODE_TYPE_MSI_MOD10**
- **BCODE_TYPE_MSI_2MOD10**
- **BCODE_TYPE_MSI_MOD11**
- **BCODE_TYPE_MSI_MOD11_MOD10**
- **BCODE_TYPE_PLESSEY**
- **BCODE_TYPE_CODE11**
- **BCODE_TYPE_CODE128**
- **BCODE_TYPE_CODE128A**
- **BCODE_TYPE_CODE128B**
- **BCODE_TYPE_CODE128C**
- **BCODE_TYPE_CODE93**
- **BCODE_TYPE_TELEPEN**

1.2 Constants

1.2.1 Paper Types

One model of Paper has the two values of Printing Energy and the coefficient of Temperature. Value ending with "_E" is Printing Energy, and value ending with "_T" is equivalent to the coefficient of Temperature. If using Paper corresponds to the under model, you can realize the optimum print quality and speed. The default value is set to TF50KS_E2D_E, TF50KS_E2D_T.

Nippon Paper

- TF50KS_E2D_E	=	0.2489,
- TF50KS_E2D_T	=	0.002885,
- TP50KJ_R_E	=	0.2745,
- TP50KJ_R_T	=	0.00295,
- TL69KS_LH_E	=	0.3286,
- TL69KS_LH_T	=	0.002341,

Oji Paper

- PD160R_63_E	=	0.2393,
- PD160R_63_T	=	0.001678,
- PD160R_N_E	=	0.3068,
- PD160R_N_T	=	0.003668,

Mitsubishi Paper mills limited

- P220VBB_1_E	=	0.2864,
- P220VBB_1_T	=	0.003028,

Jujo Thermal

- AP50KS_D_25C_HI_E	=	0.2796,
- AP50KS_D_25C_HI_T	=	0.003093,
- AP50KS_D_25C_LO_E	=	0.2798,
- AP50KS_D_25C_LO_T	=	0.002085,
- AP50KS_E_E	=	0.2651,
- AP50KS_E_T	=	0.002981,
- AP50KS_FZ_E	=	0.2934,
- AP50KS_FZ_T	=	0.002707,

Mitsubishi Hi-Tech Paper

- F5041_E	=	0.2576,
- F5041_T	=	0.002847,
- P5045_E	=	0.3262,
- P5045_T	=	0.003601,

Papierfabrix August Koehler AG

- KT55F20_E	=	0.3068,
- KT55F20_T	=	0.003668,

KSP

- P300_E	=	0.2703,
- P300_T	=	0.002797,
- P350_E	=	0.2462,
- P350_T	=	0.002723,
- P350_20_E	=	0.2347,
- P350_20_T	=	0.002778,
- KIP370_E	=	0.3206,
- KIP370_T	=	0.002328,
- KIP470_E	=	0.2759,
- KIP470_T	=	0.003447,

KANZAN

- KF50_E	=	0.2774,
- KF50_T	=	0.002183,
- KPR440_E	=	0.2966,
- KPR440_T	=	0.001951,

Appleton

- ALPHA900_34_E	=	0.2476
- ALPHA900_34_T	=	0.003539

1.2.2 ALIGNMENT

The alignment value of printout

- PRT_ALIGN_LEFT	=	0,
- PRT_ALIGN_CENTER	=	6,
- PRT_ALIGN_RIGHT	=	2

1.2.3 SIZE

The size of printout

- **PRT_SIZE_GREAT_LARGE** = **10,**
- **PRT_SIZE_LARGE** = **9,**
- **PRT_SIZE_NORMAL** = **8,**
- **PRT_SIZE_SMALL** = **7,**
- **PRT_SIZE_GREAT_SMALL** = **5**

1.2.4 FONT HEIGHT

The height value of printout

- **PRT_HEIGHT_NORMAL** = **2,**
- **PRT_HEIGHT_DOUBLE** = **4**

1.2.5 FONT WEIGHT

The weight value of printout font.

- **PRT_WEIGHT_NORMAL** = **400,**
- **PRT_WEIGHT_BOLD** = **700**

1.2.6 QUALITY

The quality of printout.

- **PRT_QUALITY_NORMAL** = **2** // vertical quality 406dpi,
- **PRT_QUALITY_FINE** = **4** // vertical quality 812dpi

1.3 Structures

1.3.1 PRT_STATUS

Structure that used when checking the status of the printer before starting to print, or receiving information of printer lid open status or paper status in printing.

Public struct **PRT_STATUS**

```
{  
    bool PaperDetect;  
    bool PlatenDetect;  
};
```

- **PaperDetect**

Paper status.

True : paper exists.

False : paper does not exist.

- **PlatenDetect**

The status of printer lid.

True : closed

False : not closed.

1.3.2 PRT_PAPER_INFO

The structure of printer paper information

Public struct **PRT_PAPER_INFO**

```
{  
    double Energy;  
    double TempCoeffi;  
};
```

- **Energy**

Value of Printing energy suitable for Printing paper

- **TempCoeffi**

Value of Coefficient of Temperature suitable for Printing Paper.

1.4 Delegates

1.4.1 PRINTERCALLBACK

Delegate function that will be called in case during printing and the printing paper has been run out, or if the lid is opened.

In order to receive status of printing paper or a lid state change of printer in application, you need to register delegate function using `SetCallback(PRINTERCALLBACK pCallback)` function.

Public delegate void **PRINTERCALLBACK**([PRT_STATUS](#) PrtStatus);

1.5 Methods

1.5.1 Open

Allocating system sources and opening printer device.

```
PRT_RESULT Open();
```

Parameters

None

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.2 Close

Deallocating system resources and closing Printer device.

```
PRT_RESULT Close();
```

Parameters

None

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.3 IsOpen

Checking whether Printer device is open

```
BOOL IsOpened();
```

Parameters

None

Return Values

Open Status of Printer device.

True:Open, False:Closed

1.5.4 SetCallback

Registering delegate function which will be performed when receiving response from

Printer device.

```
PRT_RESULTSetCallback(  
    PRINTERCALLBACKpCallback,  
);
```

Parameters

pCallback

delegate function which will be performed when receiving response from Printer device.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.5 Start

announcing the start of the print job to the print device. It should be called the first time of print job, and Stop (). should be called at the end.

```
PRT_RESULTStart();
```

Parameters

None

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

Start() and Stop() must be called together.

1.5.6 Stop

Announcing the end of print job to Printer device. It must Be called in the last of the print job, and should be called after Start() is called.

```
PRT_RESULTStop ();
```

Parameters

None

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

Start() and Stop() must be called together.

1.5.7 FeedPaper

Feeding printing page by not outputting data but rotating motor

```
PRT_RESULTFeedPaper (  
    uintnFeedCount  
);
```

Parameters

nFeedCount
feeding paper.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

If value of nFeedCount is 1, 1mm is fed.

1.5.8 PrintText

Printing character string.

```
PRT_RESULTPrintText (  
    stringsText,  
    intAlignment,  
    intSize,  
    intWeight,  
    intHeight,  
    intWordSpace,  
    intWordWidth,  
    boolUnderLine  
);
```

Parameters

sText
Character string which will be printed.
Alignment
Array of character string which will be printed
Size
.size of text

Weight

Weight of text.

Height

Height of text.

WordSpace

Wordspace of text.

UnderLine

Whether to express underscores of character string that will be printed

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.9 PrintBitmap

Printing bitmap image.

```
PRT_RESULT PrintBitmap (  
    uint Alignment,  
    string FileName  
);
```

Parameters

Alignment

Alignment of bitmap image that will be printed.

sFileName

File name that include the path of bitmap image to be printed.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

Only bmp file can be printed.

1.5.10 PrintBarcode

Printing Barcode image.

```
PRT_RESULT PrintBarcode (  
    BARCODE_TYPE Type,  
    string BarcodeValue,  
    uint Alignment,  
    bool IncludeLabel  
);
```


Parameters

Type

Type of Barcode to be printed.

sBarcodeValue

Data of Barcode.

Alignment

Alignment of Barcode.

bIncludeLabel

Whether to print Barcode label

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

Only Code39, Code93, Code128, I2of5, Codabar, MSI, EAN8, EAN13 type of Barcode can be printed.

1.5.11 GetLineSpace

Reading setting value of linespace.

```
PRT_RESULTGetLineSpace (  
    refuintnLineSpace,  
);
```

Parameters

nLineSpace

Variable that will store value of linespace.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.12 SetLineSpace

Reading setting value of linespace.

```
PRT_RESULTSetLineSpace (  
    uintnLineSpace,  
);
```

Parameters

nLineSpace

Value of linespace.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

If nLineSpace is 1, it will be 0.16mm.

1.5.13 GetDensity

Reading value of printing density.

```
PRT_RESULTGetDensity (  
    refuintnDensity,  
);
```

Parameters

nDensity

Variable that will store value of density.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.14 SetDensity

Reading value of printing density.

```
PRT_RESULTSetDensity (  
    uintnDensity,  
);
```

Parameters

nDensity

value of density.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.15 GetWordHeight

Reading height value of printing word.

```
PRT_RESULTGetWordHeight (  
    refuintnWordHeight
```

);

Parameters

nWordHeight

Variable that will store height value.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.16 SetWordHeight

Setting height value of printing word.

```
PRT_RESULTSetWordHeight (  
    uintnHeight,  
);
```

Parameters

nHeight

Height value.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.17 GetPaperType

Reading information of Paper Type set in Printer device.

```
PRT_RESULTGetPaperType (  
    ref PRT_PAPER_INFO PaperInfo  
);
```

Parameters

PaperInfo

Variable that will store Paper Type.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.18 SetPaperType

Setting information of Paper type of printer device.

```
PRT_RESULTSetPaperType (  
    PRT_PAPER_INFO PaperInfo  
);
```

Parameters

PaperInfo

Information of Paper Type

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.19 GetStatus

Reading status of printer device.

```
PRT_RESULTGetStatus (  
    ref PRT_STATUS PrtStatus  
);
```

Parameters

PrtStatus

Variable that will store status of printer device.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.20 SetQuality

Setting quality of the output.

```
PRT_RESULTSetQuality (  
    uintnQuality  
);
```

Parameters

nQuality

value of Quality

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

1.5.21 GetQuality

Reading value of quality of the output

```
PRT_RESULTGetQuality (  
    refuintnQuality  
);
```

Parameters

nQuality

Variable that will store value of quality.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2 C/C++ API Reference

2.1 Enumerations

2.1.1 PRT_RESULT

The result of a call to functions

- **PRT_RESULT_SUCCESS**
Function executed successfully
- **PRT_RESULT_INVALID_ARGS**
Invalid parameter
- **PRT_RESULT_OUTOFMEMORY**
Failing to allocate resources.
- **PRT_RESULT_UNSUPPORTED**
Currently unsupported command
- **PRT_RESULT_ALREADY_OPENED**
Printer device is already opened.
- **PRT_RESULT_NOT_OPENED**
Calling function without opening.
- **PRT_RESULT_FAILURE**
기능수행실패.
Fail to execute function.
- **PRT_INSUFFICIENT_BATTERY**
Function execution stopped because of less than 5% main battery. Charge required.
- **PRT_RESULT_INVALID_DEVICE**
Printer device is not equipped.

2.2 Constants

2.2.1 Paper Types

One model of Paper has the two values of Printing Energy and the coefficient of Temperature. Value ending with "_E" is Printing Energy, and value ending with "_T" is equivalent to the coefficient of Temperature. If using Paper corresponds to the under model, you can realize the optimum print quality and speed. The default value is set to TF50KS_E2D_E, TF50KS_E2D_T.

Nippon Paper

- TF50KS_E2D_E	=	0.2489,
- TF50KS_E2D_T	=	0.002885,
- TP50KJ_R_E	=	0.2745,
- TP50KJ_R_T	=	0.00295,
- TL69KS_LH_E	=	0.3286,
- TL69KS_LH_T	=	0.002341,

Oji Paper

- PD160R_63_E	=	0.2393,
- PD160R_63_T	=	0.001678,
- PD160R_N_E	=	0.3068,
- PD160R_N_T	=	0.003668,

Mitsubishi Paper mills limited

- P220VBB_1_E	=	0.2864,
- P220VBB_1_T	=	0.003028,

Jujo Thermal

- AP50KS_D_25C_HI_E	=	0.2796,
- AP50KS_D_25C_HI_T	=	0.003093,
- AP50KS_D_25C_LO_E	=	0.2798,
- AP50KS_D_25C_LO_T	=	0.002085,
- AP50KS_E_E	=	0.2651,
- AP50KS_E_T	=	0.002981,
- AP50KS_FZ_E	=	0.2934,
- AP50KS_FZ_T	=	0.002707,

Mitsubishi Hi-Tech Paper

- F5041_E	=	0.2576,
- F5041_T	=	0.002847,
- P5045_E	=	0.3262,
- P5045_T	=	0.003601,

Papierfabrix August Koehler AG

- KT55F20_E	=	0.3068,
- KT55F20_T	=	0.003668,

KSP

- P300_E	=	0.2703,
- P300_T	=	0.002797,
- P350_E	=	0.2462,
- P350_T	=	0.002723,
- P350_20_E	=	0.2347,
- P350_20_T	=	0.002778,
- KIP370_E	=	0.3206,
- KIP370_T	=	0.002328,
- KIP470_E	=	0.2759,
- KIP470_T	=	0.003447,

KANZAN

- KF50_E	=	0.2774,
- KF50_T	=	0.002183,
- KPR440_E	=	0.2966,
- KPR440_T	=	0.001951,

Appleton

- ALPHA900_34_E	=	0.2476
- ALPHA900_34_T	=	0.003539

2.2.2 ALIGNMENT

Valeu of alignment of output

- PRT_ALIGN_LEFT	=	0,
- PRT_ALIGN_CENTER	=	6,
- PRT_ALIGN_RIGHT	=	2

2.2.3 SIZE

Size of output

- PRT_SIZE_GREAT_LARGE = 10,
- PRT_SIZE_LARGE = 9,
- PRT_SIZE_NORMAL = 8,
- PRT_SIZE_SMALL = 7,
- PRT_SIZE_GREAT_SMALL = 5

2.2.4 FONT HEIGHT

Height value of printing text.

- PRT_HEIGHT_NORMAL = 2,
- PRT_HEIGHT_DOUBLE = 4

2.2.5 FONT WEIGHT

The weight value of font

- PRT_WEIGHT_NORMAL = 400,
- PRT_WEIGHT_BOLD = 700

2.2.6 QUALITY

The quality of printout

- PRT_QUALITY_NORMAL = 2 // 수직해상도 406dpi,
- PRT_QUALITY_FINE = 4 // 수직해상도 812dpi

2.3 Callback function definition

2.3.1 PRINTERCALLBACK

Callback function that will be called in case and the printing paper is run out during printing, or if the lid is opened.

In order to receive status of printing paper or a lid state change of printer in application, you need to register Callback function using `PrinterSetCallback(PRINTERCALLBACK pfnCallback)` function.

```
typedef void (CALLBACK*PRINTERCALLBACK)(PRT_STATUSPrtStatus);
```

2.4 Methods

2.4.1 PrinterOpen

Allocating system sources and opening printer device.

```
PRT_RESULTPrinterOpen();
```

Parameters

None

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.2 PrinterClose

Deallocating system resources and closing Printer device

```
PRT_RESULTPrinterClose();
```

Parameters

None

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.3 PrinterIsOpen

Checking whether Printer device is open

```
BOOLPrinterIsOpened ();
```

Parameters

None

Return Values

Open Status of Printer device.

True:Opend, False:Closed

2.4.4 PrinterSetCallback

Registering delegate function which will be performed when receiving response from

Printer device.

```
PRT_RESULTPrinterSetCallback (  
    PRINTERCALLBACK pfnCallback,  
);
```

Parameters

pCallback

delegate function which will be performed when receiving response from Printer device.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.5 PrinterSetHwnd

Registering application windows handle that will receive messages when receiving response from printer device.

```
PRT_RESULTPrinterSetHwnd (  
    HWND hWnd,  
);
```

Parameters

nWnd

application windows handle that will receive messages from printer device

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.6 PrinterStart

announcing the start of the print job to the print device. It should be called the first time of print job, and Stop (). should be called at the end.

```
PRT_RESULTPrinterStart();
```

Parameters

None

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

Start() and Stop() must be called together.

2.4.7 PrinterStop

Announcing the end of print job to Printer device. It must Be called in the last of the print job, and should be called after Start() is called.

```
PRT_RESULTPrinterStop ();
```

Parameters

None

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

Start() and Stop() must be called together.

2.4.8 PrinterFeedPaper

Feeding printing page by not outputting data but rotating motor

```
PRT_RESULTPrinterFeedPaper (  
    DWORDnFeedCount  
);
```

Parameters

nFeedCount

feeding paper count.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

If value of nFeedCount is 1, 1mm is fed.

2.4.9 PrinterPrintText

Printing character string.

```
PRT_RESULTPrinterPrintText (
    LPWSTRszText,
    intAlignment,
    intSize,
    intWeight,
    intHeight,
    intWordSpace,
    intWordWidth,
    BOOLUnderLine
);
```

Parameters

szText

Character string which will be printed.

Alignment

alignment of character string which will be printed

Size

size of text

Weight

Weight of text.

Height

Height of text.

WordSpace

Wordspace of text.

UnderLine

Whether to express underscores of character string that will be printed

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.10 PrinterPrintBitmap

Printing bitmap image.

```
PRT_RESULTPrinterPrintBitmap (
    UCHARAlignment,
    LPWSTRszFileName
);
```

Parameters

Alignment

Alignment of bitmap image that will be printed.

szFileName

File name that include the path of bitmap image to be printed.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

Only bmp file can be printed.

2.4.11 PrinterPrintBarcode

Printing Barcode image.

```
PRT_RESULTPrinterPrintBarcode (
    BARCODEDE_TYPE Type,
    LPWSTRszBarcodeValue,
    UCHAR Alignment,
    BOOLbIncludeLabel
);
```

Parameters

Type

Type of Barcode to be printed

szBarcodeValue

Data of Barcode.

Alignment

Alignment of Barcode.

bIncludeLabel

Whether to print Barcode label

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

Only Code39, Code93, Code128, I2of5, Codabar, MSI, EAN8, EAN13 type of Barcode can be printed.

2.4.12 PrinterGetLineSpace

Reading setting value of linespace.

```
PRT_RESULTPrinterGetLineSpace (
    UINT*pnLineSpace,
);
```

Parameters

pnLineSpace

Address of Variable that will store value of linespace.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.13 PrinterSetLineSpace

Reading setting value of linespace.

```
PRT_RESULTPrinterSetLineSpace (
    UINTnLineSpace,
);
```

Parameters

nLineSpace

Value of linespace.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

Notes

If nLineSpace is 1, it will be 0.16mm

2.4.14 PrinterGetDensity

Reading value of printing density.

```
PRT_RESULTPrinterGetDensity (
    UINT*pnDensity,
);
```

Parameters

pnDensity

Address of Variable that will store value of density.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.15 PrinterSetDensity

Reading value of printing density.

```
PRT_RESULTPrinterSetDensity (  
    UINT nDensity,  
);
```

Parameters

nDensity
value of density

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.16 PrinterGetWordHeight

Reading height value of printing word.

```
PRT_RESULTPrinterGetWordHeight (  
    UINT*pnHeight  
);
```

Parameters

pnHeight
address of Variable that will store height value.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.17 PrinterSetWordHeight

Setting height value of printing word.

```
PRT_RESULTPrinterSetWordHeight (  
    UINTnHeight,  
);
```

Parameters

nHeight

Height value.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.18 PrinterGetPaperType

Reading information of Paper Type set in Printer device.

```
PRT_RESULTPrinterGetPaperType (  
    PRT_PAPER_INFO*pPaperInfo  
);
```

Parameters

pPaperInfo

address of variable that will store Paper Type.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.19 PrinterSetPaperType

Setting information of Paper type of printer device.

```
PRT_RESULTPrinterSetPaperType (  
    PRT_PAPER_INFO PaperInfo  
);
```

Parameters

PaperInfo

Information of Paper Type

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.20 PrinterGetStatus

Reading status of printer device.

```
PRT_RESULTPrinterGetStatus (  
    PRT_STATUS*pPrtStatus  
);
```

Parameters

pPrtStatus

Address of variable that will store status of printer device.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.21 PrinterSetQuality

Setting quality of the output.

```
PRT_RESULTPrinterSetQuality (  
    UINTnQuality  
);
```

Parameters

nQuality

value of Quality

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.

2.4.22 PrinterGetQuality

Reading value of quality of the output

```
PRT_RESULTPrinterGetQuality (  
    UINT*pnQuality  
);
```

Parameters

pnQuality

Variable that will store value of quality.

Return Values

PRT_RESULT_SUCCESS will be returned, if performed successfully.